## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re F	Patent Applic	eation of:	
Jung-	wan KO		
Applic	ation No.: 1	0/681,131	Group Art Unit: 2187
Filed:	October 9, 2	2003	Examiner: Brian R. Peugh
For:		NG MEDIUM FOR STORING STA METHOD OF MANAGING DAT	ART POSITION INFORMATION FOR EACH A USING THE INFORMATION
		INFORMATION DISCLOS	SURE STATEMENT
PO Bo	nissioner for ox 1450 ndria, VA 223		
Sir:			
subjec	ed certain in <sup>.</sup> t U.S. paten	formation which the Examiner ma	ovisions of 37 CFR § 1.56, there is hereby by consider material to the examination of the the Examiner make this information of record bject application.
1.	Enclosures	accompanying this Information D	pisclosure Statement are:
	1a. ⊠ 1b. ⊠ 1c. ⊠ 1d. ⊠ 1e. ⊠ 1f. □ 1g. □	Copy(ies) of IDS citation(s), exc Application publications. English language copy of a con or a PCT International Search F English language translation (A language publications as indica By Applicant. Explanations of Relevancy of R providing a concise explanation List of Copending Applications (	bstract Only) attached to non-English ted on the attached List Of References Cited eferences (ATTACHMENT 1(e), hereto) for of non-English publications.
2. 🗵	This Infor  2a.  2b.  2c.  2d.	§ 1.491 in an international applied Before the mailing of a first Office.	or 2b or 2c or 2d)  date of a national application; of entry of the national stage as set forth in cation. ce Action on the merits; or ce Action after the filing of a Request for

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3.		specified Action un	mation Disclosure Statement is filed under 37 CFR § 1.97(c) after the period in paragraph 2 above but before the mailing date of any of a Final Office der § 1.113, a Notice of Allowance under § 1.311 or an action that otherwise osecution in the application, AND	
			(Check either Item 3a or 3b; Item 3b to be checked if any reference known for more than 3 months)	
		3a.	The § 1.97(e) Statement in Item 5 below is applicable; OR The \$180.00 fee set forth in 37 CFR § 1.17(p) is: ☐ enclosed.	
			to be charged to Deposit Account No. 503333.	
4.		This Infor specified 4a. 4b.	mation Disclosure Statement is filed under 37 CFR § 1.97(d) after the period in paragraph 3 above, but on or before payment of the Issue Fee, AND  The § 1.97(e) Statement in Item 5 below is applicable; AND  The \$180.00 fee set forth in 37 CFR § 1.17(p) is:  enclosed.	
			to be charged to Deposit Account No. 503333.	
5. 🖂		Statement under § 1.97(e) (applicable if Item 3a or Item 4a is checked)  (Check either Item 5a or 5b)		
		5a. 🛚	In accordance with 37 CFR § 1.97(e)(1), it is stated that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.	
		5b.	In accordance with 37 CFR § 1.97(e)(2), it is stated that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known by any individual designated in § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.	
6.		This is a 0 1.53(b).	continuation/divisional/continuation-in-part application under 37 CFR §	
			(Check appropriate Items 6a and/or 6b)	
		6a. 🗌	Copies of the publications listed on the attached List Of References Cited By Applicant which were previously cited in prior application Serial No, filed on, and which is relied on for an earlier effective filing date for the subject application under 35 U.S.C. § 120, have been omitted pursuant to 37 CFR § 1.98(d).	
		6b. 🗌	Copies of the publications listed on the attached List Of References Cited By Applicant which were not previously cited in prior application Serial No, filed on, and which is relied on for an earlier effective filing date for the subject application under 35 U.S.C. § 120, are provided herewith.	

Application No.: 10/681,131 This is a Request for Continued Examination under 37 CFR § 1.114. (Check either Item 7a or 7b) The Issue Fee has not been paid. 7a. 🔲 A Petition to Withdraw from issue under 37 CFR § 1.313(c) is filed 7b. concurrently herewith or has been granted. A Request for Continued Examination under 37 CFR § 1.114, after payment of the Issue Fee, is proper in accordance with 37 CFR § 1.114(a), respectively. This is a Supplemental Information Disclosure Statement. 8. (Check either Item 8a or 8b) This Supplemental Information Disclosure Statement under 37 CFR § 8a. 🔲 1.97(f) supplements the Information Disclosure Statement filed on \_\_\_. A bona fide attempt was made to comply with 37 CFR § 1.98, but inadvertent omissions were made. These omissions have been corrected herein. Accordingly, additional time is requested so that this Supplemental IDS can be considered as if properly filed on \_\_\_. This Supplemental Information Disclosure Statement is timely filed within 8b. one (1) month of the Notice under 37 CFR §§ 1.97 and 1.98, mailed \_\_\_\_. ☐ In accordance with 37 CFR § 1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is: (Check appropriate Items 9a, 9b, 9c and/or 9d) satisfied for the non-English language publication(s) cited on the enclosed 9a. 🖂 "English language version of the search report or action which indicates the degree of relevance found by the foreign office". (See MPEP § 609.04(a)(III), Minimum Requirements for an Information Disclosure Statement: Concise Explanation of Relevance, 8th Ed., Rev. 5) set forth in the application. 9b. satisfied for the non-English language publication(s) indicated on the 9c. 🖂 attached List Of References Cited By Applicant as having an English language translation (Abstract Only) attached thereto.

10. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§ 1.97(g) and (h).

enclosed as Attachment 1(e), hereto.

9d. 🖂

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11. The Commissioner is authorized to credit any overpayment or charge any additional fee required under 37 CFR § 1.17 for this Information Disclosure Statement to Deposit Account No. 503333.

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Respectfully submitted,

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